

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please amend the claims as follows:

1. (Previously Presented) A data processing device having a first operational mode and a second operational mode, the data processing device comprising:

a plurality of control elements to perform a first plurality of defined functions when the data processing device is in the first operational mode and to perform a second plurality of defined functions when the data processing device is in the second operational mode, wherein:

the first operational mode is associated with a first physical orientation of the data processing device and the plurality of control elements; and

the second operational mode is associated with a second physical orientation of the data processing device and the plurality of control elements, wherein at least one of the plurality of control elements includes:

a first plurality of glyphs on a corresponding plurality of physical keys of an alphanumeric keyboard, each of the first plurality of glyphs representing a designated one of the first specified functions, the first plurality of glyphs being highlighted when the data processing device is in the first operational mode; and

a second plurality of glyphs on the plurality of physical keys of the alphanumeric keyboard, each of the second plurality of glyphs representing a designated one of the second specified functions, the second plurality of glyphs being highlighted when the data processing device is in the second operational mode,

wherein the data processing device automatically highlights the first plurality of glyphs when in the first operational mode and automatically highlights the second plurality of glyphs when in the second operational mode.

wherein at least one of the first and second plurality of glyphs is highlighted when illuminated from an optical source;

a display having a viewable display screen for rendering images generated by the data processing device, the display screen rendering images in a first orientation when the data processing device is in the first operational mode and rendering images in a second orientation when the data processing device is in the second operational mode,

wherein the images generated by the data processing device include menus and/or user interface elements, and wherein functions performed by the menus and/or user interface elements are modified to reflect switching between the first operational mode and the second operational mode.

2. – 3. (Cancelled).

4. (Previously Presented) The data processing device as in claim 1 wherein each of the first glyphs are positioned on each of the control elements in a first orientation corresponding to the first orientation of the data processing device and each of the second glyphs are positioned on each of the control elements in a second orientation corresponding to the second orientation of the data processing device.

5. (Original) The data processing device as in claim 4 wherein the first orientation is rotated 90 degrees relative to the second orientation.

6. (Previously Presented) The data processing device as in claim 1 wherein the first operational mode comprises a data entry mode and wherein the second operational mode comprises a telephony mode wherein the data processing device performs telephony-based functions.

7. (Original) The data processing device as in claim 6 wherein, when in the telephony mode, the second specified function for a group of the control elements is that of a numeric keyboard for entering telephone numbers.

8. (Original) The data processing device as in claim 7 wherein, when in the data entry mode, the first specified function for a group of the control elements is that of a cursor control keypad.

9. (Original) The data processing device as in claim 1 wherein the plurality of control elements includes a control wheel for moving a graphical cursor element when rotated in either the first operational mode and/or the second operational mode.

10. – 22. (Canceled)

23. (Currently Amended) A data processing device having a first operational mode and a second operational mode comprising:

a display for displaying text and graphics;

a first group of control elements to perform a first plurality of defined functions within a first physical orientation and to perform a second plurality of defined functions within a second physical orientation, wherein the first physical orientation comprises the data processing device and the display rotated substantially 90 degrees in relation to the second physical orientation, wherein at least one of the first group of control elements includes:

a first plurality of glyphs on a corresponding plurality of physical keys of an alphanumeric keyboard, each of the first plurality of glyphs representing a designated one of the first plurality of defined functions, the first plurality of glyphs being highlighted when the data processing device is in the first operational mode; and

a second plurality of glyphs on the plurality of physical keys of the alphanumeric keyboard, each of the second plurality of glyphs representing a designated one of the second plurality of defined functions, the second plurality of glyphs being highlighted when the data processing device is in the second operational mode,

wherein the data processing device automatically highlights the first plurality of glyphs when in the first operational mode and automatically highlights the second plurality of glyphs when in the second operational mode; and

a motion sensor to detect the orientation of the data processing device, wherein the data processing device automatically switches from the first operational mode to the second

operational mode in response to the motion sensor detecting the data processing device switching from the first physical orientation to the second physical orientation and wherein text and graphics are rotated 90 degrees as the display is rotated from the first physical orientation to the second physical orientation.

24. (Previously Presented) The data processing device as in claim 23 further comprising:
a display to render images having a first image orientation associated with the first operational mode and to render images having a second image orientation associated with the second operational mode.

25. (Original) The data processing apparatus as in claim 24 wherein the first image orientation is rotated plus or minus 90 degrees with respect to the second image orientation.

26. (Original) The data processing apparatus as in claim 23 wherein the first physical orientation is rotated plus or minus 90 degrees with respect to the second physical orientation.

27. (Previously Presented) The data processing device as in claim 23 wherein the first group of control elements include a first group of glyphs representing the first plurality of defined functions and a second group of glyphs representing the second plurality of defined functions.

28. (Original) The data processing device as in claim 27 wherein the data processing device highlights the first group of glyphs when in the data entry mode and highlights the second group of glyphs when in the telephony mode.

29-40. (Canceled).